

Form PTO-1449 (REV. 8-83) <b>US Dept of Commerce</b> <b>PATENT &amp; TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)			ATTY DOCKET NO. 104681.03		APPLICATION NO. Rule 53(b) Continuation of 10/032,462 filed January 2, 2002	
			APPLICANT(S) Toshihiro SASAYA et al.			
			FILING DATE July 10, 2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TSB		4,801,977	01-1989	Ishizaka et al.	—	—
TSB		4,965,630	10-1990	Kato et al.	—	—
TSB		4,666,273	05-1987	Shimizu et al.	—	—
TSB		4,871,237	10-1989	Anzai et al.	—	—
TSB		4,883,345	11-1989	Anzai et al.	—	—
TSB		4,919,524	04-1990	Shinohara	—	—
TSB		6,078,380	06-2000	Taniguchi et al.	—	—
<b>FOREIGN PATENT DOCUMENTS</b>						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
TSB		CH-PS 504863	07-1969	SWITZERLAND	—	—
TSB		JP-A-63-185024 (w/abstract)	07/1988	Japan	—	—
TSB		JP-A-4-355419 (w/abstract)	12/1992	Japan	—	—
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>						
TSB		"ABC Der Optik", Karl Mutze, Verlag Werner Dausien, Hanau/Main, 1972, pp. 25-27 and 65				
TSB		"Lexikon der Optik", Heinz Haferkorn, Verlag Werner, Dausien, Hanau/Main, 1990, page 57				
TSB		Partial Translation of CH-PS 504863				
TSB		Partial Translation of "ABC Der Optik"				
TSB		Partial Translation of "Lexikon der Optik"				
EXAMINER <i>Fred L. Braun</i>					DATE CONSIDERED <i>April 2, 2004</i>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TSB		4,801,808	01-1989	Hamasaki	—	—
TSB		4,943,733	07-1990	Mori et al.	—	—
TSB		5,105,075	04-1992	Ohta et al.	—	—
TSB		5,308,991	05-1994	Kaplan	—	—
TSB		5,367,406	11-1994	Suzuki et al.	—	—
TSB		5,432,587	07-1995	Nozue	—	—
TSB		5,459,577	10-1995	Ototake et al.	—	—
TSB		5,581,324	12-1996	Miyai et al.	—	—
TSB		5,677,757	10-1997	Taniguchi et al.	—	—
<b>FOREIGN PATENT DOCUMENTS</b>						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
TSB		EP-A2-0 307 726	03-1989	Europe	—	—
TSB		EP-A1-0 660 169	06-1995	Europe	—	—
TSB		JP-A-63-6553	01-1988	Japan	—	—
TSB		JP-A-59-144127	08-1984	Japan	—	—
TSB		JP-A-63-232320	09-1988	Japan	—	—
TSB		JP-A-5-251303	09-1993	Japan (with abstract)	—	—
TSB		JP-A-6-5490	01-1994	Japan (with abstract)	—	—
TSB		JP-A-6-349702	12-1994	Japan (with abstract)	—	—
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, etc.)						
TSB		English-language translation of JP-A-59-144127.				
		English-language translation of JP-A-63-232320.				
TSB		English-language translation of JP-A-63-6553.				
EXAMINER	<i>Fred S Brown</i>			DATE CONSIDERED <i>April 2, 2004</i>		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
FSB		5,424,552	06-1995	Tsuji et al.		—	—
FSB		5,392,119	02-1995	McArthur et al.		—	—
FSB		5,231,431	07-1993	Yano et al.		—	—
FSB		4,259,004	03-1981	Tateoka et al.		—	—
FSB		4,730,900	03-1988	Uehara et al.		—	—
FSB		5,117,255	05-1992	Shiraishi et al.		—	—
FSB		5,309,198	05-1994	Nakagawa		—	—
FSB		5,260,832	11-1993	Togino et al.		—	—
FSB		4,883,345	11-1989	Anzai		—	—
FSB		5,350,924	09-1994	Stengl et al.		—	—
FSB		5,095,386	03-1992	Scheibengraber		—	—
FSB		4,965,630	10-1990	Kato et al.		—	—
FSB		4,888,614	12-1989	Suzuki et al.		—	—
FSB		3,583,790	06-1971	Baker		—	—
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
FSB		JP-62-35619	02-1987	Japan		—	—
FSB		JP-62-35620	02-1987	Japan		—	—
FSB		JP-5-173065	07-1993	Japan		—	—
FSB		JP-63-185024	07-1988	Japan		—	—
FSB		JP-4-355419	12-1992	Japan		—	—
FSB		JP-61-254915	11-1986	Japan		—	—
FSB		2,138,163	10-1984	United Kingdom		—	—
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	<i>Freel S Brown</i>				DATE CONSIDERED <i>April 27, 2004</i>		
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